The USSR deleated Britain 151-t02 in un ethlotics match at Oxford. The winners' male side won 102-61 and the Soviet women provalled 69--41.

The lorni press singles out Valery Athannav's taking the very popular ode-unter race in 3 min 58.6 t ser.

TRETYAK MAKES A DECISION...

30-year-old Vindislay Tretyak, called the world's best icelockey goalle, has announced his Infention to quit competitive sport after the 1904 Wirder Olympics Such a decision ling erteved the many industries of One chartenable affiliete, who to saith going atrong. He has been on the Soviet national and the top Soviet fram, Central Army that for over a denate now. the mutation is staggering -he seems to know in nevence the way the purk will move, and very lew know how much " ork that takes



RUGBY: 'CUP OF FIVE NATIONS'

IN PROGRESS

games. Delending champinns France also have lour points.

In the same round Water

but Irou three gomes.

In Dublin Iroland confidently frost France, 22—16, in the au-mod international rughy tour-nament, "The cup of five na-tions", and leads the stumlings with lour points from two

beat Scotland, 19-15, in Edinburgh. In the previous game Wales drow with England and are now in third place with three points.

In the two remaining rounds on Mnich 5 and 19 Wales will challenge freland, England will meet Scotland, France will take on Wales and Ireland will clash with England.

The fournament, one of the most populor in Europe, is now in its eighth decade. Since 1910 France lies won 12 such cups, and in 1960, 77 and 81 ii won "Grand Slam" prize for being triumphant in all the mat-ches. Still Wales is the most successful nation with 2t cups to its credit as well as six "Grand Slam" prizes, while the English took 19 and eight respectively.

tn 1973 all the five leams polled loar points and wars declared joint winners, the only such occurrence in the cup's 72-year history.

It turned out that the highest

Boris MIKHAILOV

THE SLIPPERY SNOW OF TARNABY

Thousands of Swedish Alpine skiing lans iravailed to the small lown of Ternsby which is close to the Arctic Circle and has a population of some 2,000, to watch a World Cup special ala-

.The event was o great crowd drawer, particularly os their renowned lugemar Stemmark halls from those parts.

But Stenmark disappointed onlookers right from his first run. Some nine minutes alter setting out he suissed a gate on mound called lugemarbakken In his honour, one was disqualtfled. Cup elandings le det American Phil Mahre also rirojiped out. In general, only 17 of the 57 starters survived the first

Stenmark was thirs rilsquallfled for the fourth time in this year's special sialom stages, which is very unusual for him. To be just, bowsver, we should perhaps add that of the 80 special slaiom races in the Cup's history be ended up in the top

Stig Strend, elso halling from Tarnoby, offered some consolu-tion for the Swedes, coming only 0.5 seconds in two runs behind winner Antireas Wenzel, of Liechleastein, and Bojan Kri-

SOVIET TEAM FOR HELSINKI

The USSR Figure Skuting Frederation tras named a national squad for the world chantpirouship due on March 7-13 in Ha-

The team is led by European dancing champtons Natalya Bestemyanova and Andrel Bukin. The other dancing pairs are European silver medallists Olga Volozidinsks ya and Alexander Svinin and the debuinnis, junior world champions Yelen Belaurova and Alexat Solovyov coached by the first Olympic dancing champion familiar Dahbanava

In the pairs the USSR will field the 1982 world and But

pesu silver medalliels Marina Pestovn and Sianislav Leos-vich, the 1983 European runners-up Veleno Valova and Old Vasiliani

Vasilyev, and the national championship award winners Veronika Pershins and Marol Akbarov.

Alexender Farleyev and Vladimir Kotin will perform in the

men's singles and European No. 2 ekalor Yelens Vodermen and leet-improving Anna Kondrasirova, in the women's

ICE-SKATING PAGEANT

daneing champion Lyndmilu Pakhomova.

Alexander Zhirov, of the 150 who made the top ten h & hirst run, ultimately project

Now that the Cup is design to a close, five entants to still hopelul winning it Ri Malire with 167, Wentel vit 164, and Pirola Taken 164, and Pirmia Zorbiger auri Peter Luescher (both d

in the epecial elalom West with U7 points, has closed to gap dividing him from th Irarlet Stenmark, who has [3]



World Cnp leader Phil Mag sireaking downhill.

INTERNATIONAL FORUM IN KAMPUCHEA

Phaom Pent. The International forum for peace in South-East Asia has ended its meetings in the Kampuchean cepitel. For two days, delegales at the forum, which wes convened at the ini-lictive of the World Peeca Council, discussed vertous topicol problems which remein unsolved South-East Asis.

No. 18 (433), March 1-4, 1983

in the finel statement delegates from verious politicel, youth, trade union, and religious orga-

express their complete suppo lor the peace inilistives put lor-ward by the indechinase leaders at their recent summit in Vien-tisne. These initiatives serve as a basis for transforming South-East Asie into a zone ol peace, stability and comprehensive co-operation. The delegates at the lorum noted the importance of a constructive dislogus between the ASEAN countries and the ladochiness sistes for a solution of the problems in the region.

Bymile Home Moreov

Price 5 kopeks

AMERICAN FINANCE FOR AFGHAN **COUNTER-REVOLUTIONARIES**

Kabul. At ite press conterence here, the National Fatherland Front has disclosed fects which expose American involvement in the undeclared war against the Democratic Republic of Alghant-

Over the past five years, American eld to the counter-revolu-tionaries has reached 218 million follars, and this year, the American administration has earmar-ked eacher 105 millon dollars for this purpose.

Using American money the gangsiers kill civiliens, woman, children end alderly people, sa well ee patriolically minded religious leaders, ectivists of the cooperative movement, workers. doctors end teachers. The counter-rayolutionaries are inflicting considerable damage on the



of Alghanistsa, ead a Jalaishad mulish, speak about the counter-revolutioneries ferrorial acts at a press contereace in Kahul.

INDIRA GANDHI'S PRESS CONFERENCE

Delhi. Addressing a press con-ference hare, the Indica Frime Minister Indira Gandhi expres-ted concern over the deterioration in the internetional at-

Sile said that the 7th Summit of the Non-Aligaed Countries which opens on March 7 in Delhi, will focus on efforts to strengthen worldwide peace and security. Indiana the discussion of the strength of the discussion of the strength of the discussion of the strength of th is very interested in the discus-sion of how to curb the arms

Weapons. On the elluation eround Alghanisian, Mrs Gandhi said that the government of that country was trying to normalize

NELSON: MANDELA-HONORARY

CITIZEN OF ROME

Rome, The euthorities ip Rolle have decided to make Nelson Masdala an honorery clitzen of the Italiaa capilal, "International Harald Tribuna"

reports.

One of the most prominent others egginst racism and spartheld in South Africa, Nelson is now in prison. He was alrested in 1964 by the Petorie and addition of the present of the prison. factatia on charges of "anil state";

RESUME the situation in Soun-West Asia. The Indian stand on this issue is well known, she added. Once the delivariae of modern foreign weapons to the rabels ceasa, the Aighan government will be able to decide whelher on not it samiles foreign aid to

American special services in the disturbances there, she pointed

wants to be strong and indepen-

FACTS

and EVENTS

Another round is the Soviet-Chinese political consultations resumes in this country on March I. Depuly foreign Minister Can Qichen, a special envoy of the Chiesse government, has arrived in Moscow to take part in the consultations. He is accommanded by a group of edor not il requires loreiga eld to ladire Gandhi spoke in detail about the situation is the state of Assam. Answering a question about the complicity of the

CONSULTATIONS

USSR AND CHINA

many districts of West Berlin.

"Dowo with the new Americas missiles is Europei" this was that

siogan for the crass protest demonstrations which have been held in

Plight

of inmates

in Israeli

Beirul. The Israell committes

sgainst the wat to Lebsnon has hald a press conference in Jerusalem to highlight the etro-

cloue conditions in which six

thousand Palestinians ere kept

by the Isreell invaders in the

"Ansat" conceotcalloo camp, la

The organizers of the press

conference seld that the inmates

ol the camp, who include chil-

dren and wounded edults, ara

living under extremely severe

conditions. Committee member

conditions. Committee member Falleis Langer. who is e well-known Israelt lewyar, said thei one of the prisoners, Mariam al-Jsiii, went mad after undergoing e series of intarrogations by the Israelis. It was also reported that up to two thousand people from Southern Labanese—are itsed

ntens and Labanese—are listed as missing following the Israeli

camps

Southern Lebenon.

eccompanied by a group of edisers and experts.

The two sides concentrated on Japan's participation in the Sakhslin project, in the development of the Yakut coel fields, Water Sand Sand State of the Sand Sand Sand Sand in prospecting work at the Udo-kan copper deposit, in the re-construction of the second section of the Vostochny port, es woll as on Jepanese participation in international shows in the USSR, etc. The sides stressed the traportanco of giving their coopersition a long-term porspective, emphasizing thei in view of the Soviet economy's planned nature there was no reason why rola-ilons couldn'i be planned too, to

TO STEE OF IT A TENED TO ANNEXED TO SE

OUTCOME

TRADE TALKS

More than 250 beads of major Japanese companies and benks were recently in Moscow, the largest ever Japanese treds end economic delication to have gone abroad.

In the Kromlin, Soviet government head Nikolsi Tikhonov siressed, welcoming the delegation which was led by Chelman of the Japanese Chember of Commerce and Industry Shigso Negano, that the USSR was ready to boost cooperation on the basis of mutual gain.

SOVIET-JAPANESE

evold stagnotion and cries.

Novel forms of cooperation were angested, like the joint production of goods to meet the needs of both countries end onabling them to sell in third countries

It was noted that there ware at it sarious difficulties resulting from protectionism and ettempts to use trade to pul pressure on Soviet loreign policy. S. Nogano pointed out that COCOM and other political barriers were a ecrious impadiment to Ireo trado. ecrlous impadiment to free fraction.

Crediting long-term contracts continues to be a problem, sawes pointed out by Visdimir Sushkov, USSR Deputy Minister of Foreign Trede. One can be sure, the said, that without crodits Japan will toss sevarel pro-

The upshot of several days of isiks in Moscow surpassed sil expeciations, was the general opinion. In summing up, S. Negeno noted that at prasent ble-ters! cooperation involves wideranging trade and major economic projects. Perticipation of small and medium-size companies in contacts between the two countries and greater coasis! irade are elso la prospect.
Viklor YEVKIN

USSR HAULS

The USSR did axcellently et The USSR did axcellently et the Winter Universied in Sofia with a record lally of 12 gold. It alivar and seven bronze medals, so all-time high for the event. Czechoslovekia came accord end laly bird. This was the eighth Soviet success in a row out of the ten winter Universiads for which they have entered.

MOSCOW SIGHTS



The Octankine TV Tower,



Odessa Medin (while Jerseys) heat European cup holders Systdiovsk Franchke, 3-1, ia a nalional championship gams. Photo by Serget Prosukov

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DEAR READERS.

"MN Information" comes out on Tuesdaya and Salurdays and offers in hele like laiest intermotion on evenie in the USSR and in the world reported by TASS and fareign news egencies. Nothing that of the material

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MH. INFORMATION NO

WHERE ARE THE TOP 'STRIKERS' NOW? The recent lisitan national lootball championship round produced seven draws, four of ihem goalisss, which lorced "La Gazzelis dello Sport" ol Milan to make e swilt snalysis of liss performance ol various countries ol Europe.

over one weekend goalies con-ceded 24 goals in five gamea there, i.e. 4.8 goals n game on everage. Performanca in other countries over the same period was as lollows: 3.27 in England, 3 ln Northern Iraland, 2.71 ln folland, 2.55 la France, 2.44 in Balgium and Greece, 2 in Scotsmount of goals has been naited in the West German Bundaslige: land end Porlugal, 1.88 in Spain

Prize for Nunez

Cuban weightlifter Deniel A ncz wae presented the 190 apoilsman of Latin America eward in Havana, following to onnual sports writers survey fil by Prensa Latina.

EDITORIAL BOARD

Address: 16/2 Gorky St. Hert Published Tuesday and sales Index 50078

'MAINICHI SHIMBUN FOR GREATER JAPANESE-SOVIET TRADE

Japanese linsinessmen held in Moscow open up broad pra-apects for the further developident of economic exchanges be Iween the Soviet Unian and Japan, says an editorial in the "Mainteld Shimbun" stowspaper. Commenting on the outcome of the recent Soviet-Inpanese contomic talks, the paper notes that the "economic sanctions" Imposed by the United States

Oppasing the introductian af increating immbers of ertificial barriers an trails and ecanomic relations between the two counliles, the paper writes: "We are impeluf that the raiks in Mosenw wifl lead to the further activization and expansian of Japanese-Soviet economic links. against the Soviet Union have We hope that this will alsa redono Japan n great deaf of ilaoult in an improvement in the mage. The West European cannpolitical efimate in relations betites, who have rehised to toe tween aur two neighbouring Washington's line, have expani rumirles".

DENMARK AND THE COMMON MARKET

Capenhagen. Denmark ran eath unfaide the EEC, and it noist do its intricet to withdraw from this limited traile and economic grouping. This was the contclusion reoched by defegales attending the All Denmark niceling of sepicsontalives of the popular national movement for Denmark's withdrawal from the HCC In Odense.

The defegates discussed the economic and social consequentces of Denmark's EEC membership as well as questions reloting to the octiviration of the

compaign for the country's with-drawel fram the Common Mar-

ded their Saviet trade to a grea-

abic ta da.

for extent than Japan has been

One indication of the warsening economic situation in Denmark is a constantly grow-ing balance of payments deficit which lest year resched the record sum of 20.2 thousand milllon kroman.

Whereas the country only hail 22 Ibmrsend peaple unt of wark ten years ago when it entered the Common Market, new the total number of unemployed in Denmark exceeds 330 thousand.

CANADA UNDER PRESSURE

Toronto. America is pressurizing Canada into ogreeing to of the American cruise missiles which Washington is planning to alotion in Western Europe, ' The Globe and Mail' seports.

@

()

Accarding to the paper. the I'mted Steles first began its clforts in this direction noder Carfer, though they were consider-

obly slepped up under Reagan, who personally relaced the issue

several times at his talks with

Psemier Trudeau. The Pentagon

wants to try out the cruise mis-

sflo guidance system in an area

whose ferrain and climate

resembla those in the European

part of the USSR, the newspaper

IBRD ON THIRD WORLD'S

"The American proposed 'zaro option' regardleg the missiles in Europe cannot fead to concrete results at the Soviet-American Europe is most in osed of at the present time."



Drawing by Vsevolod Arsenyav

Washingtoo. The lotal dehi of

101 countries who are members

af the international Bank for Re-

construction and Development

increased last year by 14.5 per cent, and new alreds at 529 thousand million dollars. All in

all, the developing countries

detas, as of December 1982, were

700 thousand millian dollars.

These figures are quoted in a

GROWING DEBTS

WASHINGTON RESPONSE **VOTES IN GENERALS**

Under the "programme to promote democracy" put forward by President Reagan, the United States Intands to hold ragional seminers and conferences an the aubjact af "free electians". There is nathing new shout this idea and similar campaigns have bacn launched in the past.

Lel us look at haw, say, the Latin American countries beneitted from these seminara?

Lasi Meich en election for the cansituent assembly was held in El Salvador moder the supervisian of soldiers. Yel, the choica of president had been mede aven heloro lha "clectia na", from which the national patriatic forcas were excluded. The "civilian" candidate, A. Maga-fia, becama prasident. Yel, the real power in the country ramains in the hands of the military who enjoy full aupport fram Washington.

This huge deht, the enthors of

the report say, is a result of the

severe aconomic crisis which

has gripped the capitalist world,

causing alagnation in world

trade, an abrupt increasa in the

bank interest raise and falling

pricos for raw materials. At

present, the prices for same raw

melerials, exported by these

countries, have dropped to lincir

lowest lavef sinca World Wor II.

Also last March General R.L. Carcia was olected president to Guatemola. Three weeks later fia was ousted by General E.R. Montt, a ganeral whose politics are even further to the nest and who has unleasted a blody campaign of terrar in the comiry. In Washington, the general is never condamned. What is more, Guatemala is relied on as a mainsiny of anit-cammunism in Central America. The Amer-Icans are nat in the least bit perinthed that the general came to power as a result of by-passing the counting at votes cast by the Guatamalaas.

The 1981 election in Honduras vated in a civillan government headed by R. S. Córdova, However, the main political figure in that country la lha Commander in-Chief of the Armed Foros G. A. Martinez, a solid enticommunisi. That is why Washington granicd a threefold increase in fis 1982 "aid" to finance the neming of his officers and soldiers, bringing these sub-sidies up to 31 million dollars ever thaugh the military were guilty of repusals and of caus-ing the "disappearance" of their political energies many of whom have nothing to do with con-

65 million dollars is to be agrent on Ronald Reagan's latest programmic to "promota demolacy" in aleas lika Latin America. This amounts to beeling up the fund for holding further "free clections".

Vladimir BRODETSKY

FACTS and EVENTS

O According to statisfication the Finnish Ministry Lahour, 165,400 unemployed, a aovan par cant of the entirs worh lorca, were registered in Finland last January.

 By the and of this year, the growth of the fielden GNP will drop to all, while capital layer. ments are expected to go down by 2.9 per cant, says the National Sciantific Rosauch instituts of Merhaf Trands.

O By the end of feri year, made up 1,755 million battels, which is 15 par cent more than n year ago. Over the in-dicated period, the pro-pacted reserves of natural gas in Brezil have grown by 20 per canf and stood at 72,300 million cu m at the and ol ist

CRIMINAL AT LARGE

The Hague, The former Gesia po chici in the Notherlands at the lime of World War II, Erich Dapnar is living as a free citizen in Wost Germany.

According to the Dutch ANP news agency, the attempts which the Dutch sujhorities have been making for years to call Depact. a wer criminal responsible for mass murdors, to account for his crimaa have come up against reaielanca from the West German judicial outhorilles. In July and August 1942, Erich Dapner, who now lives near Munich, agreed os commandant of the "Veilar" borg" "processing" camp, and he bears respossibility for the deportation of 11 thousand Dutch. Jews to the next death camps:
Ae Geslapo chief, he later or the fixed the executions of anti-tage later or the fixed members of the fixed to the fix alstence movement. According to the documents at the disposal of the Duich justice authorities of April 9, 1942, he personally look part in the murder of 65 Soviet. prisoners of war.

NN INFORMATION No. 14 191

QUOTATION OF THE DAY

ican lefks in Geoeva. Yel, ft is results of this very kied that D. Polme, the Swedish Prima Minister

VIEWPOINT

Nikolai ZABORIN

ISRAEL IN LEBANON TO STAY

regarding Labsnoni Israeli faedoss claim they want 'not an inch" of Linbanase lacritory and their they are proposed to fee the Areh Roport and Mamo" madistely on the conclusion of 30,000,000 doffart worth of isen egrooment ensuring their raell goeds are boing brought security. They eliago that they into Lobarron every month, have no claims to Lobarron end which, in annuel terms, amounts fully respect its sovereignty. In some save

Aft fell of "inspiriting the soveraigniy" of Lehanon has to samain on the conscience of Begin and his coffaeguas, who gave the orders to decimale the country. What remains to be nriabilished to whether the stlegad molive for fal Aviv's invesion -- "to come-hit the PLO -and go" conceals much widne sanging and fonger form goals.

As regards the aconomic aspect of the invasion, following hard on the heats of the issael troops myriads of enintertaing issenti dealers errived in Lobenon. Cashing in on the disloca-tion, general chaos and irregular supply they started flooding the occopied areas with their warns,

chinfly egalecultural produce. Oithe scope of their operations licacil experts.

Bosidos, the finaelis are deliberelaly salling their products at cut prices, sometimes three to four times cheaper then, say, on their domnstic market. This arodes and may utilimately cuin many business enferprises in Southarn Lubanon, Baksa and the country's north, for their prodects are not abla to compain with the Israelf dumping.

It was not for nothing that the Lebanese Ministry of Trade and Economy urged its people last nulumn to boycen the israelf goods as "threeloning the ne-floral esonomy".

During the investor israel bembed industrial projects and

licial figures and estimetas as to to destroy Lobanasm Industry and sarvicus -- end to rapiece them by its own. Evidence of this are the efforts by the fsreati

benking queriers to infroduce the fueoit currency, the shokel, into the occupied farrilory. All mannar of "mobile benking of-lices" spreng up at the outset of the war - obviously their owners had been praparing for a "brackthrough" in Lebenon long in advence and wara only walling for the grenn light.

Isrsali administrators era establishing a "new order" in the occupied areas in Lebanon, while the Israell ermy is busy renforing the hulldings, reads, communications and other das-toyed parts of the infrastructure, pulling much money into this work. Does this indicate an "early withdrawa!" If would sam the confrary is the case.

Efforts am aloot to creels condillons to retein and build up the fireall presence in Lebanon and to gradually transform the nconomy of the country, or at

laest of its south, in a way pro-Hebio for Israel.

Significantly, world zionism faaders wore hatching nxpansionist plans with relation to Lebanon way back in the 19ths, farest's devolopment and the strengthening of its war mechine with American help ended in these plans being reolized.

The Libral Bluer Hauser The Liteni River figures pro-minently in Tal Aviv's plens, Ezparis hevn estimated that fsrae!

control over the river or that portion of fi between Lebanon and Israol would enable the latter io aspend roughly 1.5-loid its hydroresources which she des-porately needs to do. In the lon-gor form this would enable is mel to stert settling new immigrants in the scanfily populated Negny Desart.

Taking info eccount the longfistall zionists if is obvious that thay have "come" to Lebenon for kaaps. This explains the damand for a "buffer zone" and Tol Aviv's backing of the renogado major Haddad who in Fabruary announced on espanalon of his "ministale" in Southern Lebanon which to ell in-tonts and purposes is under is-reall control.

It also accounts for the istaal dragging-out and armivising factics of the current talks with Lebenon on the withdrawel of its troops.

All the indications are that Tel Aviv will confinue to work bard to daley pulling out its freeps from Lebanon in order to give itself time to implement its nxpansionist eims

THE WORLD

THE TRAGEDY OF SON MY

A mether, children and old people placed by side-such is the moniment which has been arccied on the sile where once aloud the village of Thuanyon, in the Son My community, completely annihilated by American saldiers.

This and of the numerana bloody crimes committed by the US military took place an March f6, 1968, when the Americans murdered to cold blood 504 people, including 182 women, f7 of them expectant mothers (the hottom feft photo shows one of the victims). and 173 children, 56 of them under five months old.

The crime at Son My was a deliberately planned terrarist aperatloo carried out by the American aggressers in Victnem.

FACTS and EVENTS

O The gold end currancy reserves of Great Erifain have drapped to their lowest level end era new equivelent to 16.8 theusend million dollers. Two years ega they amounted to naerly 28 thousand million. O By fenuery this year, the pepuletien of Frence was \$4,346

ineusend.

The Yunislen authorflies have announced their intention of setting up o mejor interna-tionel pool for storing oil pro-duct reserves of the Madiforranaen countries to be sold in cate of an adverse situatian in

the off markaf. O The EEC Heedquarfies in Srussels has decided to sand a group of 20 highly skilled en-gineers to topen. The aim of the trip is to study topen's la-lest industriel technology and to introduce it with tepanese halp in West European indu-

O Finnish experts to the countries of the sacrelist community lest year increased by 14 par cant, while its esports to the Cammon Market countries only went up by four per cent.

MORE **PRISONERS** RELEASED

IN EGYPT

Caira. The judicial authoriiles to Egypt have ordered the release of enother 34 detaineds arrested in the autumn of 1981 for alleged complicity in the as-sassingtion of President Sadat. They were put behind bers on charges of hafonging to the religious and political organization which, according to the official version of the incident, was respansible for engineering the coup. Among the released detainees is the father of Haled al-Islamboult who led the group of people who attacked Sadat. To date proceedings have been auspended against most of the political detainers arreated fol-

fowing the assassination.

PROSECUTOR SPEAKS OUT Propper, who at one time

Caracaa Americon companies are making massive deliveries of war planes and arms to the milltary fasciat Pinochet regime in contravention of a formel han on military aid to Chile introduced in the United States in 1976, former US dialrici proseculor Eugeno Propper told a press conferenco hore.

South Africa tight-lipped about fire damage

Preioria. Although e severe fire, which broke out at the South African national nucleorresearch centre to Palindaba, not far from the South African capital, was soon extinguished hy o fire brigade, the outherities mental nuclear reactor, the bave said naining about the postable damage tofficed by the first enriched unadum used to hisse on people of the soviet that ment A spokesman for the like meaulecture of nuclear South African nuclear eosigy weapons.

was planes arrive in the country after so-called rapairs, while other weapana ora shipped in crales laballed non-millery aqu-

vestigated the murder in Wash-ington in 1976 of Orlando Lele-

lier, former foreign affeire mini-

ater in the Populor Unity go-vernment, epecifically noted that

Delhi, frdian Prima Minister

indira Candhi has accused Pak-

Istan with secretly preparing to

produco nuclear weepons. in an

interview for "Financial Times"

she questioned Pakislan's dec-

lated intention to use nuclear

SOUTH AFRICAN

London. The United States.

Britain, West Cermany and ather

atates maintaining diplomatic relations with the aparthold

regime in South Africa are

directly involved in the conver-

aloo of the South Airlean em-

bassias in their capitols into "spy

nests" where intrigues and plots

are angineered against the na-

the peoples in the south at Af-rics, willes "Secheba", a mage-

"Sechaba" sharply condemns

British and Amorican paironage of Pretoria. With the aggrava-

tion of the situation in the south

of Africa, official London has

actuelly closed its eyes to tho

activities carried out on British

soil by the special services of the opartheid ragime. The Brilish authorities believe that these

activities promote the stance takon by Britain and the West

lo geoaral towards this part of

tional liberation movementa

South Africa.

EMBASSIES:

'SPY NESTS'

corporation has refused to com-

ment of the damege.

The nuclear centre to Pelladabe was set up with American assistance to 1985. Two years ego, at the centre, so expertmental nuclear rescion the "Sa-leri-!", produced South Africa" first enriched uraclum, used to

INDIA'S SERIOUS CONCERN energy to peaceful purposes. She stressed that as far as the inillen gavernment knows l'akts-iani President Zia-ul-llag in-

tends to use the nuclear poten

tial for purposes other than ad-

vancing the interests of peace.

and the second

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Science and technology

EXTRA VALVE SAVES FUEL The Japanese are testing an

atiginal automobile engine each cylinder having twa intake valves instead or ane-ane bigger and the other smaller. On ignition the smaller valve opens admilling only a minor zone ol the speaking plug. The bigger valva then apons taking in an increased questily of lua mixture. Being injected into e very hat tamperetine, this poor mixtura burna dawn camplately zine published by the African National Congress IANCI of producing environmentally hard less gases. In this way, a 12 per ceet saving in petrof is echieved and the angina is

made 10 per cent more power-BANDAGE DISPENSED WITH

Formoplast, o oew Bufgarian film-forming aerosol praparation sliminates the surgeon's seed far bandage. The medicalfoe quickfy causes the blood to cfot, olfars reliable protection egafost bacteria, is resistent to water and grants. Juless, and quartz lamp gastric juices, and quartz lamp radiction passes through it

FROM the SOVIET PRESS

NEW BLOC IN THE WEST ATLANTIC

in the West Atlantic, a new militoristic bloc, "the regional security and detence torce", has been set up. It comprises two small session states in the Curibbeen-Barbados, Antique and Burbado. Saint Vincent and the Grenatines, Dominica and Soint Luciu. Cammenting on the assence of this bloc and its purpose, PRAVDA a observer Nikoliit Ognev writes that this regional security and detence large amounts to a translation into pructico al the Angle-American Idae to set up o polica corps in the Carabbean it is not in the interests of the notional delence of the member-countries, us nothing and nobody has ever threatened them, for is it for their protectian from mythical "axternal enemies", os its orchitects mointoin, that this bine has been sot up

Ooney helieves that the American and British strategists plon to rurn the new military and policing organisation into ner advanced post to light the training liberation ansversals in the Caribbean. At the same time, it will uct as a sort of carden senturire in the vicinity of Cuba and Grenodic, two caunities whose regimes are not to the liking of the United States. It is hardly ucedearnt that Cubo and Grenata linve nat been tovited ta join

PART OF THE 'STRATEGIC ALLIANCE'

Attempts by Washington to capitalize on the Israelt invnamn of tebrinn and to expend its military presence in the caunity are the arbitott at the milital caunibuted to kitasnaya zvezna by Georgi Kuvuldin.

In recent months, he notes, more and mare believes tarthery has latten under the control of the American Marines. Reputs are coming in at the Peningan's intentian ta increase it a strength of American mithery personnel in Lebenna ta ten thousand people. This makes trictedisingly clear the purpases at the facelt oggressian united Lehunan prepared and certied and with the participation of the United States The mast important of these aims is to create invouruble conditions to turber issued expansion and far the setting up of o powerful base for the American rapid deployment force on

IN LINE WITH AN OLD SCENARIO

Commenting In the NEW TIMES magazine on the seven-day foint was games involving American troops and the Pana-manket outcome quard, cade-normed "Kindle Liberty-83", A Brigshey incuses on three aspects of the manocuster

First, he points out, the minure were held only some 400 to 500 Infometres away from Nicarania, and almost immediately after the provocative American Handuran "Big Pine" gama held right on the boolers of Nicaragno. Does this not reek of exercising military operations to surround the revolutionary country on lord and of sour

Second, nearly 9,000 American servicemen tack putt in the guilles, while Panumo Hebled just one 800 strong battalion, so these were essentially American war games, though under the cover of two floys. Does not such "muscle flexing" amount to a reflectival of the scenario already fried out in Santo Donilnan buck in 1965?

Finally the games were held to an area used by the Pen-ingon for its war ellost agulast Et Solvador which is a breach a! international law and of the treaty guaranteeing the neutrolity of the Panama Camil.

Built games were aimed agutost Nicorngua. At the some time they were used to initialidate the insurgents in El Sal-redor and the niher Central American peoples now joining the drive for treedom and democracy, florysher siresses.

USSR-FRANCE: MAJOR DIALOGUE

Analyzing the Soviet-French tolks in Moscow, G. Deinichen-ke exomines in IZVESTIA the contribution which the two caunities could moke towards unproving the international situntion. He paints out that concerted action by the two counties to promate detente and peace, particularly in Europe, has yielded good results in the past. In the Soviet Union, great mportones is still nitached to political dialogue with Prance. importonce is the internet to pointed analysis and vidence cloude Cheysson's visit to this country is convincing evidence that Pronce is in layour of a contribution of the dialogue. It would oppear that state with different social systems in Westonn Europe, that states with different social systems. should pool that elious to give their peoples o peaceful

in Deinichenko's view, the Soviet-Franch dialogue could play on increasing role in helping to prevent was and to con-solidate the elimosphera of trust and security in Europe.

Secretary~

a man's job?

Specialisis ballevs that before long, women secretaries in the United States will be replaced by man Some American universities have opened special courres lo train the "sectetories of

tomorrow" with a higher educa-tion. They are trained to operate the most complicated computess and office equipment. It is be lieved that these padgate our beyond women

OF INTEREST Solar energy motorbike

American ongineer Jell Downone has invented o meterbike

running on solar onargy. With on electric angine powered by 80 solar butterias it is capublo of covering bolwnen 60 to 100 hilomotras of apenda of up to 90 kph .Sovaral hours in the eun to enough to charge the occu

Traditions die herd in the English tower of Aloe: Hvdry year, since 1445, housewives la the city have been racing each other carrytog pancakes in a frying pan in Irosi of Lbem. The price is a small silves was caped.

This year, the widder was Linda



MH SHPORMATION No. 18, 1983

Round the Soviet Union

A THE DEPTH OF A SUPER-DREP BOREHOLR, BRING DRIL-LED IN THE KOLA PENINSULA. HAS SURPASSED IT KILOMET-RES. The elm is to drill a borehole IS km daep. The Sovini Union's ancoad supardeep borehole is buing made in the Transceucesion Republic of Azarbaijan. Researckars, who invasilgale the afracture of the Rarth's crust with the halp of such deep boreholes, have made sevarel major discoveries.

■ PEAT BOOS OCCUPY 2.5 MILLION NECTARES OF LAND IN BYELORUSSIA-MORE THAN 12 PER CENT OF ITS TER-RITORY. Phal is used meinly is agriculturn ead the power la-duriry. Hearly 0.5 million longes of thir fund ern burat overy year. Researchers have worked nul weys of using pant to make loddnr yeert, wax ond gromi-lated intilizor,

ONE OF CENTRAL ASIA'S LAROEST COAL MINES HAS OONR INTO OPERATION IN THR SOVIET REPUBLIC OF KIRGHIZIA. Coel ir deposited there in thick layour at a dopth of only to-15 metros. The now colliory will produce more than 0.5 million tennes of fuel an-

SOYIET ENGINEERS HAVE DESIGNED AN INSTALLATION PRODUCINO FERTILIZER FROM THE SMOKE OF THERMAL POWER PLANTS. The instellation extracts from smekn and neutralizes harmful compounds of nitrogen and sulphur — the most common pollutenia. A valueble composite minural fertiliser ir produced efter the ad-dition of smell emounts of esh.

ONE OUT OF THE THREE SOVIET CITIZENS BECAME A YOLUNTARY CONTRIBUTOR TO THE SOVIET PEACE FUND. The lund wes set up by Soviet public organizations in 1961, in eccordance with its charter end with the desire of its coniribufors, this organization helps peace-lighters, backs organiseions and movements opposed to the erms rece and favnuring the prohibition of all types of wnapons of mean ennihilation.

19 and

W -

AMATEUR DRAMA IN THE UKRAINE



A scene frem a new shaw et the amaleer theatre in Lvov called "Pushkin's Lyrical Poems".

One would be hard pressed to imegiae e theatre till listing 500 plays, but, believe 11 or oot, one such till now existe. It hologes to the Inlan amaleur peeple's Iheatres whose productions are to he seen on the stages of 274 nmalour clubs. Last season, for insleace, 1,500,000 people saw these plays,

The Illio people's theatre means that n pin-nacin of o sort has been received to amoteur dramatic mit. Only very skilled groups, firm tavourites with the sudjeece, ere owarded the lille. Musi of such compactes work in small lowns and villages tacking perusoest proinssinnel theatres.

PIPELINE CROSSES THE OB

IN THE NORTH

Geologisis in the Transbalkei

Area have completed prospecting of the Udokon deposit,

where o raining end processing

Geologicolly, the northern Transbalkal Area is unique for

The East-West gas pipeline running between Ureagol, Pomary oad Uzhgorod has been

laid ecross the Ob River, over

two kilometres wide. This com-

plex eagineering operation was accomplished nearly Iwenty-four hours ahead of schedule.

combine le to be huilt.

Amelear drama in the Ukraige features verious genres-apert from drama troupes proper there are opera and ballet compenies, as well as eperalts and ministers linestres beesting of varied repertoires. The drame theatres meaut productions of works by Ukraiejen, Russlan end loreign classical playwrights, each ea Franko, Lesye Ukrainka, Gegel, Ostrovsky, Chekbov, Shakespeere, Goldeni, Molière and Schiller... They elso ge in ler a lot of modern Seviat drame and literary works, Nel Infrequently il is emateur

thealres that "discover" young aspiring authors,
Both the government and trade unions offer amateur theatres the use of the finest clubs and palaces of culture end provide lunds for meuniug competitions, lolk theatricel art pageents, elc.



Children backstege of the Buration pupper the libertre at the House of Culture of the Novokrematorsk engineering plant, to the Ukrainion lown to Kramolorsk.

to operate all-

the-year-

Arctic Route

round

An experimental voyage made by ships belonging to the Fir Eastern Shipping Company in winter conditions to the shore of the Chukchi Peninsula has been successfully concluded The "Admirel Makerey" ke-

breaker set out frem Vladiveslok, while the metervessel "Vaally Fedoseyey" bastened to meet it from the pert of Vsnine with a cargo of lumber and machines on board. The twi slitps met up in the La Perouse Strall and continued their joint voyage northwards with many uncertainties abead. They had to make their way through pack lee and severe storms in the Okhotsk and Bering sees in order to deliver their cargosto the porte of Egyekinol and Providenia on the Chukchi Peninsuls. That the two ships completed their mission adds yel another link to the North Arctic Route, e vitol national transport

In the future, the Baikel-Amu Raliway in Siberia will give a tromendous boost to the devolopment of productive toxes in the Fer East, increasing the load on the Arctic Ocean.

The North Arctic Roule will require hase ports at either end. It is quite possible that in the essi such porte will be Egyekinot and Providenta.

SEARCH FOR MINERALS Versatile excavator its plentiful resources of coal,

The first excavator of a new series has rolled off the conveyor of the Leningrod excavotor works. Four compact hydromotors linked by reducere directly with the wheels ensure its manoeuvrobility. The new excavetor does away with the need for meny metol-consuming essemblies: compared with the earlier model the new ong is 1.5 tonne lighter, bes o longer service life end performs dozens

of different operations,

NEW DIAMOND

The Alinez factory in Yerevan Armente, hee etarted produc-lion of diamond tools for machining soft elones. The new tool hae turned out to be highly elficient for both the menufacture and the consumer.

lecklod of the same time was to improve the quelly of ertificial iomonds, end good results bays been ochleved in this direction. The new types of diamonds produced at the fectory completely meet the requirements.

TOOLS

MOSCOW'S RAINBOW-COLOURED STREETS This summer, Pushkin Street in Moscow will be given an Another task which was nousual white surfece mede out pt an alloy of eand and slag called glass ceramic. Menufac-lused by the Tula experimental glass factory, the eur/ece in foci comes in all colours.

OF INTEREST

Music-loving dog

To make glass ceramic into juitable surfece for roads, it is

mixed with minerel additives

and bitumea. This is o costly end

Mukhiar, o dog belonging io he Gospodarik iamily who live in the Byelorussian town of Boilsoy, has the habit of making a bee-line for the felly on Sundays, as soen as he ignature-tune of the "Morning all" programme. Prioking up als ears he sits in front of the ox and starts to "elng" together with the criisis,

Mukhtor invariably "heips" his 11-year-eid mistress Allo piepare for her music lessons, by hewling in lune.

Once he nearly rulned a conseri al Alia'e musto school where he was wolling for her as usual. As soon as Alia storied lo play, he began to how! In unison. Ha sat in the winge ond did his his his sat in the winge ond inison. Ha sat in the winge ond did his bit to promote the oris, his muzzle roised to the ceiling. Although Allo had long stopped playing har occordion in conficient, his new coordination in the companisment of the conditions of the conditions.

white road surface means o sav-ENAMELS FROM ROSTOV VELIKY

surfocea of present lo use.

tng in electricity dus to loter

lighting-up time.

Trailic officers comment that

the breek poli will become shorter oud drivers less tired. Besides, the glass ceramic is

three times os strong as road

An exhibition, called "Rostov Enamel", is now to bo seen et the Moscow All-Union Decorotive, Applied and Folk Art.

Decorotive, Applied and Folk Art.

Rostov enamels heve long enjoyed worldwide recognition. Enamel painting originated to Russio to the first quorier of the 18th century. It was a complex and hard trade requiring great mastery. First, e basic background loyer of enamel was laid to an annealed plots, which was later baked in special furnaces, and then painted over using paints dissolved by orgonic oil. The enamels donn in the workshops of the Rostov Veliky Kremiin, where the trade originated in the second balf of the 18th century, won special resown. ceatury, won special regown.

Originally the snamel craftsmen used only religious subjects for their miniatures but seculor hemes became predominant from the mid-19th cen-

On display et the exhibition are works by renowned masters of the past as well as those by our contemporaries, artists from the Rostov foctory. The items on view include brooches, ringe, estring brocelets decoroled with enamel, portraits of pelnters, scientists ond chatoric personalities of Russin, landscape lyrical compositions, glimpses of the everyday life of the past as well as legendary subjects end flowery ornamenication gracing smoll boxes, lockets and decorelive plates.



S. Kulandin, "Rostov Chimes" panel, 1967.

Places to visit

DOSTOEVSKY'S BIRTHPLACE

HOME NEWS

Moscew and Destoevsky ta moscew and Desicevaky is not as association that immedialely eprioge to mind, for this writer's life sed werk ere indivibily beand up with the image of St Petershurg. But, eevertheless, in the begiening was Moscowi where Dosteevsky spent his childheod eod yeuth in s slaff flet (first in the right and thee la the left wing of the house beleeging to the Merilinsky Horpital of the peer on Borbedomke Sireet, His father, Michael and the state of the house beleeging to the peer on Horpital of the peer on Horpital of the peer on Horpital of the peer of Horpital of the house of the horpital of the horpita khall Dosleevsky, a retired mil-Hary stell snrgeen, werked at the hospital. And it was here that seven of his children were bore, oee of whem was deslined

for immeriality.
A coelury leter the fellewing noike was to oppear on the door of the hulidleg: "The flouse-Museum of F. M. Dostoevsky". This was the first museum to be set up in memory of the willer. Unill recently, it has been

closed in view of restoretion werk, Members of the museum staff heve restored the flat to ils origical took working from - Tree

Russian interior, the Russian spirit — this what emenates ehove all from this more than modest fiel whore, of so even-

eld designs as well es from mee-

tions of the building to be found to "Recollections", by the writ-

er's youager hrother, A. M.

teg, the Dostocvsky lamily. yory traditional homeshold, would listen whits Karamzin's "History of the Russien State" was read aloud to them ond would discuss the latest naws in the wer with Napelcoo, Karamzin'a history was laler to occupy e permaneot wrijer's desk.

CO OPERATE DO

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The nursery end Dosloevsky's desk with original books belonging to the writer.

is worthwhile. For if traffic lones

ore made of different colours and

the pedastrien crossing is palated hright-red, road safety should be

increased. Moreover no dividing

lines will be necessary. And o

Science and technology

GORKY PHYSICISTS PRODUCE INTERNAL WAVES

Gorky physicista have long since been interested in undar-weisr woves which centribute to the interacties of oceanic loyers, to changing currents and the redistribution of wind waves. All these phenomeno have a direct effect on global weather, security of unvigation oad ses lishteg. The Gorky researchers have invented a radiophysical equipment complex to etudy these deepwater proces-aes, it has been used by Soviet research vessels to observe the deraction of internal and surface weves.

It is impossible, however, to obtain oil the necessary data trim the ocean. Nor can the existing largo basins for testing models of occasic liners help out here either, for it is difficult to divide the water in these basins into layers having illiferent density and tempera tures. And scientists believe, that the major motive force of the internal woves is derived tion these very differences.

The Gorky engineers have now tound o way of simulating temperature distribution which produces Internal waves. The world's liest test basin, where this important physical mechan-Ism will be in operation, is now at blueprint stage.

ACOUSTIC THERMOMETERS

Scientists from the Kautto Polytechnic have thrented acoustic thermometers which can be used to advantage in the metalbirgy and other in-dustries. Based on the use of ultrasound waves, they casure temperatures of up to six thousand degrees.

When inserted Into hot currents of gas, the instruments start to emil ultresonic waves. These are picked up by seneors, which measure temperatures at different potots in the currents depending on the speed of penciretion and the dogree of obsorption of the waves. Such thermometers immediately react to changes in temperature. In one second, they can determine hugdredfold fluctuations to temperature, which makes possible continuous control over the process of complex chemical reac tions and that of smeltion bigh-

S would like to stress that this country rebots do not act as n threal to puople on the shop floor, as the shortago of leboor resources is universal through out the USSR, with hundreds of housands of new jobs openio up every year.

On everage, every robot replaces two to three people, releasing the teller for more satisfying jobs. It is believed that in this eleventh five-year plan period, robote will selesse 100-120 thousand people other jobs.

have shown their cost efficiency each of them bringing in a profit of between eight and twelve thousand roubles a year.

The manual and (achnological

FROM the SOVIET PRESS

METAL PROTECTION PROGRAMME

The growth in the amount of metal in industry and The growin in the amount of mean in maustry and changes in the way it is used are occompanied by a growth in direct and indirect losses from corrosion, writes EKONOMICHESKAYA GAZETA. Scientists eslimate that in this country more than 15 million tomce of fron and steel mist away every year.

At present, the amount of tron and sleet in the national economy is nearly a thousand million ionnes.

There is intensive growth in those industries in which machines ore subjected to the aggressiva action of the industrial environment - for instance, the e petrochemical, pulp-ond-paper and other industries.

in this country we have devised a comprehensive icchnological programma to solve the problems of loss of metal, and a national anti-corresion service has been ari ub.

All the goale outlined in this programme have been incorporated in the annual and five-year plans.

These goals include devising lectinalogies for electro-plating, und pointing and varnishing metal, surfaces, which are olso covered with powder and polymos con-ings and provided with alectrochemical protection

If to intended to introduce such at these tasks in the current tive-year plan period of 1981-98. At the end of the period if is expected that these measures will result in a reduction of losses due to corresion ordunting to 160 million raubics.

THE AIRSHIP MAKES A COMEBACK

iron end some other metols loca-

in the past two years thous-

onds of metres have been drilled

deep underground to sound out locot miasrel pockete.

The engineers and construc-lien workers building the pipe-lice have appointed nearly six hundred rivers, the biggest of which was the Ob. However, such obstacles

such obstacles have out dis-

rupted the overall tempo of the

ted over o rather small crea.

Much excitement was generoted recently by trials of Much excitement was generoted recently by trials of the Ural-3 dirigible. At present Moscow, Leningrad, Sverdlovsk, Novosibirsk, Kiev and other cities have volunteer design bureaus tooking Into the possibility of bringing each craft back. The dirigible is evidently making a complete, but would it be of small trip the meking a comeback—but would it be of any use in tha time of poworful electric and helicoplers?

Specialiste have computed, SOVIHTSKAYA ROS-SIYA points out, that, for instance, to deliver oil riga produced by the Ural Engineering works to Western Stheria using dirigides would save 3,000,000 roubles annually. Leningrad engineers colculated that another 13,000,000 roubles in annual savings would be ytoided by using dirigibles for shipping ossembled furbine wheels to the sile and this would take lesser time compared with shipmenia by land transport. Other bulky industrial producte could be delivered this way,

Comparing with the 20s-30s, which saw the flourishing of dirigible meking, the latest technologies could produce more powerful and safer of ships, the article

POWER STATIONS IN OUTER SPACE: PANTASY OR RHALITY!

Solar epace power aiotions have long belonged to the science liction, writes IZVESTIA, but experie now believe that prototypes of such stotions could oppear in the next decade, enabling them to test the basic technical ideas and the feasibility of industrial systems. Within 20 10 30 years industrial powers stations could Within 20 to 30 years industrial power stations could emerge in space, for of such a time the cost of power

other power sources. The expected lifetime of such a station is 30 years. It has been estimoted their 5-10,000 MW elation would pay oil within two to three years of its operation.

A joint effort by the industricitzed nations could help a lot put this speciaoular venture through, the paper points out, while the very loct of the construction of solar power stollons in space would toster the it-dustrial development of outer space and notably coniribula to solving this planet's energy problem.

MATHS TO HELP TRANSPLANTOLOGISTS

The scientific and technological revolution has transplantology mio o powerful area at surgery, arguest Viadimir Kovanov, Academiolon of the USSR Academy of Medical Solences, in the TEKHNIKA—MOLODYOZHI magozine. The transplantation eliost is being supplemented by two other methods—regeneration and the creation of artificial organs, he points out. What we are oliempting io ochieve la to set up an inexhausible reaerve of "apares" for every patient. Fairly soon, wider use will be made of the oritical liver, pancreas, heati ond other organs.

In the near luture transplantologiels will have resort lo mathematical analysis of the genetics of tissue comcalibility, enabling us to forecast the course and out come to every individual case of transplantati

Research in this direction is central to effective transplantations of the martow necessary to iteal advanced radiation sickness. At the present time many ioborafories ore already working on argon conserva-tion, a barderline case of physics and biology, involv-ing problems of deep ifeering and preventing intropel-hilar whise crystallization, the Academician says.

Leonid KORENEV

TECHNOLOGY

VIEWPOINT

There are 13,000 robole operation in this country. Id 905, their oumbers are expected to rise to ot least 50 theusand, eed there ere even mors oplimistic predictioes.

One of the paradoxes of pres cnt-doy eutomation is that e growing number of prople are reduced to deing routios johe. "EKO", n magazioo published in Siberia, writes "automatice to day has brought obout a situe lion when the machine does everything lisels, with mae only estrying and felching. The simplicity of inen-reade operations la both evident and broillating te nrdnr in stop filiusett become ing another robol, man accke to create a completely relief-ope rated tudustry".

Thus, the davelopment nutomation has created peculiar niches in rabots to pieces where man listes to work.

Even though, the Brig-10 re hot presents visitors with flowers and memorial badges of the exhibition of aclcuttic and technological endeavour to Moscow, just like tie predeces sors did. this is a temporary of cupation. Once the exhibitian over, it will be returned to the treget tactory in the Ukreine to tota its five sibilings in making parts for wheels. Nor did th MAR-t robol, invented by the Moscow robol designer Valery Vasyanin, apead n long lime treating the designer's irlends with ten from a samovar; very soon it was seed to a larm where Il learnt to clean Boors, make lodder and vaccinals cattle.

There are two main Irende li the use of rehets in this coun-try, in the first place, they ere used in oreas where "mechan-ical people" ore indispensable on bumanijarian grounds, i.e. oo joha which ore urdeous eod dangerous for human health. Priority is given to these jobs even lo cases when the im-mediato economic effect of utilizing robole lo adjucent areas would be greater, yet the social principle provalis.

The eccond nrne comprise routine operations where conditions are rips for a group use of robots, which makes their enrvicing cheaper.

At the same time the robots

The manual and temporously workers replaced by robots are given the opportunity of learning a more interesting trade at their factorys they are usually provided with a choice of several jobs they could be trained for without suffering any

epera "The Queen ni Spades" staged by the Bolshot, with 44-year-old Viadimir Atleetov singleg

Atlactor has been sleging this part for a loag tima. Illa first appeorance as iterman war in the mid-GOs te Leningrad where he apont his childhood and his immative years. There he received his musical education striping limit with the choir school allached to the Glinka Choir, and then ni the Leeingrad Convervatoire, it was also in Leningrad thei he began his artistic career.

Attanley has been a Bolahol soloist for

There are certain parts which nvsr the years have occupied all my thoughts, teelings. hopes and which sill attract me. These are Herman Jasó and Othelin, I tika all thres roles Citually welt. I am parties in roiss of a strong and highly dramatic character which pirt the human emotions to test, culminating in a tragic vulcome, with dramatte associations and settings luti of suspense coming in a head. Such is tierman, one of the suphisticated, brilliant and many-sided lurages in classical opera. (Ithelio is the same type of character for ticulan opera, and José far French. These parts give the singer an op-portunity for put all his larelites to maximum

Allaetov has just returned from the Italian city of Parme where he saag the main role is a new production of "Othello", in the summer he will sing Othello at the Grand Opera, in Paris. ite wants to sing José le a cew production n' "Carmen" is Munith, wittle at the Vienna Opera flouse, in December, he will sing Samosvanals in Modesi Mussorgsky's "Boris Godunov",



Viadimir Aliaolov as ficimen in Tchaikovsky opera "The Quece of Spades". Photo by Andrel Steponov

As you see, the singer continues, i will have to meet different coeductors and producers. I have avolved a certain attitude towards every one of the roles I sing, sed I do not latend to change II. I bope I cas reach agreement with my new producers

I would like to sing the parts of Aedrea Cheniar in the opera by Giordaeo and des Grieux, and Calsi in Giacomo Pucciel's operas "Manon Lescaul" and "Turaadol" and at present am rehosising these roles in my spare time.

Margarita ANOKHINA

BUSINESS

composition and the second of the second of

GRAND PRIX GOES TO SOVIET ARTIST FRANCO-SOVIET CHAMBER mocked by others. The error

Among works by King The Moscow office of the clidds is a cycle of esame Franco Soviel Chember of Com-

helidzs is a cycle of segmin mercs has held a symposium on called "The Red Square" is saimel feeds, mainly those for which the artiet succeeds her calle, including tissue from veying fills pale for failer in battle, and faced.

had clied in battle, and in many tops such as wheat straw end

I adout I was excled to make meaning between special-liese etchings were selected lits was co-sponsored by the display at the hierato franco-Soviet Chamber's Mosgraphic exhibition in Metro cow office and the Tachnip com-

Kalmakhsildzs. Eafler, lade Thie company first appeared on

terest a display of pais, to the Soviel market in the mid-60s. is Our Motherland, at make it pasticipated in auch projects

ing their courageous feet. meles and rice stalks.

commemorala Durer, Ro pany.

exhibitions. But this was in Va

now. I wasn't at all sers to

cycle of eichings in France

won him a prize.

The young artist Givi Kal-makhelidze has recolved a Grand Priz for a cycle of sichinga al the minor graphic arts, hald to the Czechoslovak city of Banská Bystrica.

Several of his works were displayed at the exhibition. A still ille with cabbage was said by the jury to be "the most expres sive". It depicts a head of celbage against a dark background. ilb an onion and a knife beside

By a aktiful use of aquatint and dry nesdle, Kalmakhalidze depicted these objects, their lexiure and shades of colour in three dimensions.

Givi recalls how four years ago he took part in an interna-West Germany where he entered an eiching of a row of nitik cans watling for their owners to come and pick them up which was liked by some people and

II-yaar-old Vadik Reptn and

recently attended the Wienlow-

ski 2ad luternational Competi-

tion of Young Violinists. They

both study at the secondary

voslbirsk Conservatoire, and

produced quite a furore at tirts

authoritativo competition.

When Vadtk won the

music school attached to the No.

Volodya Sklyarevsky,

TWO CHILD

PRODICIES FROM NOVOSIBIRSK

special prizes of the Polich & tsiry of Culture, and Velous was awarded fourth priz. bronze medal and the speci prize of the Wisniawski sode: correspondents asked me atc. the "ssciel" behind their sa coss, says their leacher Z 50 Assistant Professor at the & vosiblirsk Conservatoire, lif c swer was that apart from grenatural ability they are be very hard-working.

award, the gold meds1 and Moscow cinemos ere showing n new film by the Soviet director Elder Ryazanov, "Rallway Stotion for Two". It is a love-slory belween plants! Platon Ryabinn and Vera, a wollress et e rallway restsurant. Their cesual acquaintance which began with quarrel, grows leto a passionato love wbich changes their

OLIVIER IN THIS COUNTRY they wouth understand by its llons abroad. How far by: Olivier bas embarked on a tieen able to express while on my mind? It was, there's

new stags in its assimilation of particularly good news to be the Soviel market and the line I had won first prize fur. has hopes of a considerable expansion in biloleral cooperation, our carrespoodent was told by Daniel Personyre, head of the Mascow office of Franca's larest treding company. Among possible forms this activization in cooperation could take. he mentiooed in particular the join! Soviel-French execution of projects in third countries. In addition, Olivier is prepared to use its verious offices, of which

It has over 300 all over the world, to promole Soviel goods In markets developed by the firm. Daniel Persouvre noied that Oilvier is olso considering other ways of developing bila-

as the Ohrenburg gas processing

complex (three stages) and the automatic gas till system in

Western Siberls used on 2,400 oil wells. The firm hes also

takso pari in projects linked

with off refining and the manu-

facture of construction materials.

Some time ago, Technip won

e major Soviet order worth 2.7 Ihousand million france it is

to participate in the construc-

ilon of the Astrakhan project which will extract, purify and

process natural gas in order to

terst Hes. 1982 was a successful year lor the firm. There has been a sleaity growth in trade with Soviet organizations over the past five yesrs. Olivier helps supply to the USSR drilling rigs and heavy dumpers as well as other equipment and goods.

COOPERATION IN MANAGEMENT

The advacesd mathods of socialist countries are being scruaugement Research Inelliute. which looks into problems of rememic, acientific and technolegical cooperation balwoen CMEA couolitiss, instiluto diracter Stanislav Yamelyanov, Corresponding Member of the USSR Academy of Sciences, lold our

Our 1981-85 reseerch plen envisiges studies of such lergescale problems as improving management systems relating to the sconomic, sciaolific and lech aniogical development of CMEA management of socialist acouomic tolegration osing almulato modelliog and computers.

in recent years, for instance, the instituta drew up recommanduction and development of in dustrial complexes. Today these are already in use to Bulgario, ilungary, Poland and the other member-countries of the Insil-

ilations for the designing, pro-

Our inellita also carited out a study of the experience gathed in the construction of the Soyuz trunk gas pipeline running from Ohrenburg to the western horders of the USSR. The CMEA Execulivs Committee has decided to make use of this experience to building new integration pro-jects. At the request of Soviol production organizations we have drafted propossis on management, on material and technical supplies es well as on liv-ing and working conditions for construction crawe working on the Urengol-Pomary-Uzhgorod export ges pipelins.

CHESS

The Half of the Sport Hotel (90 Leninsky Prospekt). I and 3
—A challage maich of the
world champton title. A. Belyav-(USSR) vs G. Kasparov

> These are the first out of the eight top-class International Grandmasiars to chatleoge be world crown.

> > RACING

Hippodrome (22 Begovaya St). 2 and 4 - Racing and Irolling. 8 p.m. (both doys).

WEATHER

March 1-4

In Moscow, city and region very cold but sunny weather it expected. Night temperatures et -24°, -28°C (to -30°C ie the

hall pi the month. There was 1.5 times more snow than usual

DELIVERIES

As of locay GDR clectrical engineering factoriss have supplied to the USSR electric molors to the value of over 1,000 unillion marka. This is on the hasts of long-term trade agree-mants and does not take into account the militions of other molors exported to the USSR sa butli-in paris of various machines and equipment. The GDRmade giani irawiers, for example, agutpped with main and auxillary drives, are well known in the Soviel Union.

Gearmotore occupy an Import-ant place to direct deliveries. 4.3 million of them have been manulactured to date with 14 per cent having been exported to the USSR. The first detivery was orade 20 years ago — în Janua-ry 1963. Soviet Machinoimpori's forthcoming 50th anniversary with be a antiable occasion to mark the 20 years of successful cooperation between the GDR lectrical engineering industry and Soviet foreign trada organi-

The 600,000th gearmolor ts to be handed over to the USSR on March 2, 1903.

SOVIET RADIO AND TV PRODUCTS

Soviet radio and TV producir are gaining popularity in the British Isles, In 1983, the USSR is lo deliver to Bitisin for the lirst Itme 2,000 portablo Ltdsr-2 stateo inralables equipped with buitt-in or separato speakere. In 1982, the Oritish firm of TOE hought ten thousand portable Iwo-band Vcga-404 radios.

Britain is also a traditional importer of Soviet TV picture lubes. Ten Ihousand black-andwhile Gt cur lubes are to be delivered to the Technical and Optical Equipment company before the end of 1983.

Soviel TV equipment is exported to many other European countries. Lasi year France hought a consider quantity of Selena-212, Va-ga-404 and Ne)va-402 radios and Akkord-Mono Jurotables from

10 1982, Soviet Selena-210 and Sokol-306 redics went on sale for the first time in Greece, while the Greek company of Teleimpex has bought 70 lhou-sand black-and-while picture tubes from Soviet foreign trads organizations and plans to buy

BELARUS TRACTOR IN FINLAND

The demand for Soviol Salarus tractors is growing in Flaland. Pentil Mulka, massging director of the firm of Agroma which sells Soviel farm machinary la Finland, said in an interview with a TASS correspondent, that these general purpose fair machines made in the USSR compete auccassfully against the tractors manufactured by big Western firms. Its reliability stability, good manoeuvrability, versatility and the lact that it is assy to operate are among had qualilies which account for the popularity of the Belerus trac-tor, he pointed out. The Belerus is a very sale machine and this also altracts huyers.

There are new iwenly-five district centres in Finland for district centres in Frimend, or the sale and servicing of farm machinery supplied by the Soviet Finnish firm of Konela Belarus, Konela Belarus represents the Soviet foreign trade organization Trakforoexport, in

SOVIET RAIL (SZD) BRINGS ANY TRIP WITHIN YOUR MEANS AND MAKES IT MORE PLEASANT THAN YOU EVER THOUGHT POSSIBLE.

52D cescher are provided with everything you seed to usvel in comfort. Cosy compariments, first-class service plus traditional Rurrian hospitality will contribute to your good mood sed make your journey e roleting and agreeable or

Every train within the Soviet territory is equipped with a dining-car where you will be served breaklest, lunch and diener; verious hors d'oouvres, vinlega wines, juice, juil, tobecco and sweets are also available. Your aspenses will be minimal, as rail is the least oaponrive

Organized groups of 10 or mere adult pessegers are entitled to discounts on the services linking Moscow with Aschen, Hemburg, Bern, Osland, Heok-von-Helland, Peris, Vienes, Rome, Turin, Athens, Islanbuf, Slockholm, Orin, Helsinki, Copenhagoet er Leningrad with Cologne end Helsinki, or Kiev with Paris. Discounts amount to between 23 to

40 per cant of your lickel.

For further information on Soviet sleeping-cer services please contact your nearest travel egent or inteurist office.

Soviet Rail wift elways be gled to welcome you eboard





fi you are geleg to make a husieess or locals irip to the USSR, use the sorvices of Aarollet - the world's biggest

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iled lalormatioe oe the most interesting routes can be biblieed at the Aerofiol ellice er agrecy te your country. FLY AUROFLOTI



BUSINESSLIKE PARTNERSHIP

One hundred and elxiv-sevon tween the building erganizations of the USSR and the DRA, ecjects to Afghanistan, 80 of which have already gone into appraison as of today — such is the volume of Soviet-Alghan economic cooperation. The pro-lects concerned are in the fields of Industry, egriculture and transport.

The husingsslike paitnership between the USSR and Algha between the USSR and Afghanistan is a significant example of the lact, that the Soviet Union sincerely strives to help the developing states build up truly independent national economies. This is why the USSR rendere essistance to its economic partners in the development of the state sector, in the limit place. For example, state run enterprises, built in Afghanistan in close cooperation be

nisten in close cooperation be-

correl for more than 70 per cent of the output of the republic's

in eddition, the USSR renders substantial assistonce to Alghanistan in lostering the power in-dustry — the basic brench of modern industry, Soviet Aighan modern industry, Soviet Arghan cooperation projects account for more than 50 per cent of the republic's power (scillles. The doliveries of Alghan goods to the Soviet Union grow from year to year. This silmulates further development of individual branching of the DRA's economy and firling in considerable revenue. prings in considerable revenue the delivery of natural gas to the USSR stone edsures about 40 per cent of currency revenue. to Alghanistants treasury.

KHUDOZHESTVENNAYA LITERATURA IN 1983

This year, the Khudozlieslyennaya Liferatura Publishers expeat to issue an overall total of limiks in 64.5 million copies, says the Director Valentin Oripoy. We plan to publish littles from our multinational Soviet literature as well as classica of tils rainre and leading works by modern Soviel and foreign authors

There is to be a significant increaso in the number of copies of each book issued in the Classical and Modern Writers' series, some of them coming out

0

40

PRODUCTION OF MODERN CHINESE PLAY

The first performance of "The Typhoon" bared on the play hy the modere Chinese playwright. Can Yu. has taken place at Blagovesbehensk, Far East, It was directed by N. Mokin, from



An exhibition of palatisgs and artists has opceed at the Mn eum of Oricelai Ari in Moscow Nearly oea hundred of the works on view come from the Folk Art Museum in Yerevan The display also inclodes genro scenes and pictures portraying ancient Armenian architects innume els.

in one to five million copies.

Khudozhosivennaya Literatura has planr to publish works by

writers from more than ons

hundreit countries. Literature

from the socialist nations oc-

cuples a conspicuous place to

there plans. Many works by loreign authors are to be published in the following, among

other, series: European Poetry,

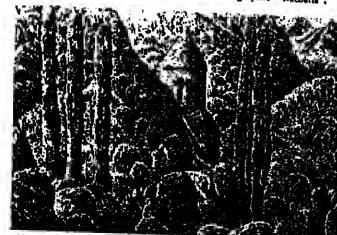
Library of Liberatures of the

Socialisi Countries, Library of

American Literature, 20th-Cen-tury Foreign Novel, Modern Foreign Lang Stories, etc.

in his play Cao Yu depicts

K. Nikagosyae, "lo



FACTS and EVENTS

Tours. At the and of its French lour, the Georgian Sustavi song and dance enremble will give eight performancer at the Olympla, the mort preriigious con-cert half in the French capital. Shows, "19th-20th Century Czech and Slovak Medals" the nama of an exhibition now on rhow at the Leningrad Her-mitage. Over \$00 of the Items on viaw come from the National

Mureum in Prague. Guest performances. The Ar-

the grave crisis afflicting the Chinese bourgeois society in the mid-20s. He has been inBuenced. he says, by the Soviet playwrights Trenyov, Pogodin and

ACTOR

NIKOLAI SIMONOV IN NEW GUISE

Slage costumes and sland side by olde at the axhibi-tion, "Nikolai Simonov: Actor and Artist", which has opened at the Rosst Pavillon in the Summer Cardana in the heart of Leningrad, not far from tho

Simonov was known as an artist only to a faw people. In the 20s he was a aludant at the Patrograd Academy of Arts where his toacher was Petrov-

canvass and then on the slege,"
Simonov recalled. A cother characiat ha approached in a similar way was Sallari. Simonov's "iheatrical" paintings are not, illustrations to productions of plays but rather psycholo

life. The stora in this Mosilini production are Lyudmile Gurchenko and Oleg Basilashvili. A still from the film: Maten Ryahlein (Basilashvill) end Vore (Gurchonko).

menian variety orcherira, led by Konsianiin Orbelyan, has com-pleted a threa-waek tour of syrle with a programme of Armenian lolk songs to modern arrangamanir, Soviet and foralgn variety numbers as well ar songs by Syrian composers.

place where the Soviet actor

(opera). Vodkin. The actor never ex-hibited his works, believing them to be far from perfect. If portrayed Godunov 8rot on

ical probings tolo the characters.

The exhibition is supplamented by postais photographs, and letters from theore-goers, es wall as by recordings of Simonov raciting pushkin's "Mozari and Salleri".

WHAT'S ON

March 1-4

_THEATRES__

Kremiin Palace of Congressos (Kremiin). Boishoi Theaire performances: 2 - Stravinsky, "The Firahird"; "Petrushka" (one-act sallats). 4 - Rimsky-Korsakov.

"The Tsar's Bride" (opara). Bolshoi Theaire (Sverdley Sq). 2 — Bizel, "Carmao" (opera). 3—Prokofiev, "Romao and (ballet). 4 - Dargomyzhaky, "The Stone Guest"

Stanislavsky and Nemirovich-Danchenko Musical Theaire (17 Pushkinskaya Sij. 2 — Milöcker, "Der Baltelstudent". (operetta). 3 - Tsintaadze, "Rivarez" (hallei). 4 — Zhubanova, "Moscow Behind Us" (opera).

Operella Thesire (8 Pushkin-skaya Si), 2 — Gadzhiyav, "A. Crossroads", 3—Kelmon, "Evening Visitors". 4 - Zhurbio, "Pe

--- FILMS

The Parting (Mosfilm Studios,

drawings and pleces of sculpture to mark the Solh enniversary d Aerollot, Dally, except Monday, 1 p.m. to 7 p.m. On Saturday and Sunday, 1f e.m. to 5 p.m. Melros Pushkinskaya and Corkovskaya. Trolls yhuses 1,

Cinems: "Vairecha" (5)% & dovo-Chernogrypzaksys Sil-Mar-The Meeting of Nellon (81) featuring lamoue sembles and variety artistes.

The events occur is it 60s of the last century, the under the assumed same Adam Novi, lights and the Turkish your by

lin's story, The Paris,

With Malyora".

ro Lermonlovskáya;

garla).

freedom of his country: Cinema: "planeta" (II !

zbinskaya St); Metro Udwistial, Buses 187, 260. _ EXHIBITIONS

Central Artists Cleb (1811)

2 — Gadzhiyav, "A se" 3—Kelman, "Eventra" 4 — Zhurbio, "Pe 600 works by the Soviet high portraits, landscapes and sell lifes. Datly, axcept house, lifes. Datly, axcept h

MH INFORMATION HE MAIN

CONCERT HALLS

Olimpitsky Sports Complex 1t6 Prospski Miraj. 1-4—"Pres-eni Woman With Flowers", a testive dramatized performance dance en-

Ceolral Coacerl Hall [1 Mos-Evereiskaya Embankmani, at the siya Holal), 1, 2 - "My Golden Moscow", a performancerecollection about the Great Victory near Moscow in 1941.

(both deys).

__ SPORTS _

ICE HOCKEY

Login Caniral Stadium, Palace ol Sport (Luzhniki), 2 — Cen-tral Army Club vs Voskresansk Khlmik, 3 — Moscow Spartak vs IIIa Salami Victoria vs Ula Salevat Yulayev, 7 p.m.

Krylys Sovietov Palace of Sport (10 Tolbukhina St). 3 -Moscow Krylya Sovietov vs Si Corky Torpedo, 8 p.m.

Moscow Region) and lo -10°, -15°C to the devilme. Later there will be a decline in the

Despite the very cold weather af the end of Pehruary the lem-perature in Moscow was 2.7 higher than the recorded everage over many years because of the rather warm days in the first